Stable-life, mission-critical two-socket tower server for distributed environments

IBM System x3500

Highlights

- ***Achieve excellent price/ performance with industry-leading, two-socket server***
- ***Stable platform life optimizes IT investment***
- ***Manage and protect mission-critical applications with scalable memory, I/O and storage***

Optimized for business advantage

The IBM® System x3500 delivers unprecedented performance and reliability for demanding distributed environments that rely on 24x7 availability of mission-critical applications. With up to four-core processor performance at lower power consumption per core, the x3500 offers leading-edge capacity and high-speed I/O scalability. A long-life platform with 24-month availability, the x3500 minimizes deployment and support concerns.

With the x3500 take advantage of virtualization. Deploy an infrastructure with less hardware that supports the same—or more—applications with lower hardware support costs.

Maintain availability and uptime

The x3500 offers many advanced availability features standard, including advanced data protection for high system reliability at no extra cost. Other high-availability features such as redundant components, advanced memory protection, integrated systems management and large storage capacity help keep your system up and running 24x7.

Select configurations of the x3500 are part of the IBM Express Portfolio™, designed and priced to meet the needs of midsized businesses. Reliable and easy to manage, Express models/ configurations vary by country.

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x3500 at a glance

Form factor	Tower/5U
Processor (max)	Dual-Core Intel® Xeon® Processor 5160 up to 3.0 GHz and up to 1333 MHz front-side bus
Number of processors (std/max)	1/2
L2 cache	2x2MB
Memory[1] (std/max)	1GB/48GB Fully Buffered DIMM 667 MHz via 12 DIMM slots
Expansion slots	3 PCI-Express, 2 PCI-X and 1 PCI
Disk bays (total/hot-swap)	8/8
Maximum internal storage[1, 2]	2.4TB hot-swap SAS, 4TB hot-swap SATA
Network interface	Integrated dual Gigabit Ethernet
Power supply (std/max)	835W 1/2
Hot-swap components	Power supply, fans and hard disk drives
RAID support	Integrated RAID-0, -1, -5, -10
Systems management	Automatic Server Restart; Predictive Failure Analysis® on hard disk drives, processors, VRMs, fans and memory; light path diagnostics with side viewable panel; integrated IPMI System Management Processor; IBM Director; optional Remote Supervisor Adapter II SlimLine and ServerGuide™
Operating systems supported	Microsoft® Windows® Server™ 2003, Windows 2000/Advanced Server, Red Hat Linux®, SUSE Linux, Novell NetWare, VMware ESX Server, SCO OpenServer, SCO UNIXware
Limited warranty[3]	3-year onsite limited warranty

For more information

World Wide Web

U.S.	**ibm.com**/systems/x
Canada	**ibm.com**/ca/en/systems/x
Xtended Design Architecture	**ibm.com**/servers/eserver/xda/index.html

[1] Maximum internal hard disk and memory capacities may require the replacement of any standard hard drives and/or memory and the population of all hard disk bays and memory slots with the largest capacity supported drives available. When referring to variable speed CD-ROMs, CD-Rs, CD-RWs and DVDs, actual playback speed will vary and is often less than the maximum possible.

[2] GB and TB = 1,000,000,000 and 1,000,000,000,000 bytes, respectively, when referring to storage capacity. Accessible capacity is less.

[3] IBM hardware products are made from new parts, or new and serviceable used parts. Regardless, our warranty terms apply. For a copy of applicable product warranties, write to: Warranty Information, P.O. Box 12195, RTP, NC 27709, Attn: Dept. JDJA/B203. IBM makes no representation or warranty regarding third-party products or services, including those designated as ServerProven® or ClusterProven®.

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June 2006
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XSD02231-USEN-01